

Comparisons of Job Characteristics

Focus Occupation: Farm and Home Management Advisors (25-9021)

Associated Occupation: Soil and Plant Scientists (19-1013)

[Compare Knowledge](#)

[Compare Skills](#)

[Compare Abilities](#)

[Compare Detailed Work Activities](#)

[Compare Tools and Technologies](#)

<<	Focus occupation element is much lower
<	Focus occupation element is lower
0	Focus occupation element is at a similar level
>	Focus occupation element is at a higher level
>>	Focus occupation element is at a much higher level

Knowledge

Similarity of Focus Occupation to Associated Occupation: 58

Focus Occupation: Farm and Home Management Advisors (25-9021)

Associated Occupation: Soil and Plant Scientists (19-1013)

Associated Occupation's Key Knowledge Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation	
Biology	3.7	18.5	12.0	<<	Extensive education and/or training may be required
English Language	11.2	16.7	15.8	0	Current knowledge level may be sufficient
Chemistry	4.8	16.0	8.9	<<	Extensive education and/or training may be required
Mathematics	9.2	16.0	11.4	<<	Extensive education and/or training may be required
Food Production	2.1	13.1	14.0	0	Current knowledge level may be sufficient
Geography	3.9	12.6	6.4	<<	Extensive education and/or training may be required
Communications and Media	5.3	11.0	11.0	0	Current knowledge level may be sufficient
Physics	4.3	10.0	3.3	<<	Extensive education and/or training may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Skills

Similarity of Focus Occupation to Associated Occupation: 75

Focus Occupation: Farm and Home Management Advisors (25-9021)

Associated Occupation: Soil and Plant Scientists (19-1013)

Associated Occupation's Key Skills Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation	
Science	4.5	16.0	7.9	<<	Extensive development of skills in this area may be required
Reading Comprehension	10.7	15.2	14.6	0	Current skill level may be sufficient
Speaking	10.8	14.8	15.9	0	Current skill level may be sufficient

Judgment and Decision Making	9.4	13.8	13.5	0	Current skill level may be sufficient
Complex Problem Solving	9.1	12.8	13.3	0	Current skill level may be sufficient
Systems Analysis	6.5	11.8	12.8	0	Current skill level may be sufficient
Systems Evaluation	6.4	11.1	12.6	>	Skill level is likely sufficient
Mathematics	6.2	10.6	8.7	<	A higher skill level may be required
Operations Analysis	5.0	9.4	5.8	<<	Extensive development of skills in this area may be required
Programming	2.2	5.1	4.4	<	A higher skill level may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Abilities		Similarity of Focus Occupation to Associated Occupation: 94			
Focus Occupation: Farm and Home Management Advisors (25-9021) Associated Occupation: Soil and Plant Scientists (19-1013)					
Associated Occupation's Key Abilities Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation	
Inductive Reasoning	10.2	15.1	13.8	0	Current ability level may be sufficient
Deductive Reasoning	10.6	14.7	13.3	<	Some improvement in abilities may be required
Speech Clarity	10.2	13.8	15.4	>	Current ability level is likely sufficient
Originality	7.6	13.7	12.6	0	Current ability level may be sufficient
Category Flexibility	9.0	13.3	10.1	<<	Extensive improvement in abilities may be required
Information Ordering	9.9	12.3	11.5	0	Current ability level may be sufficient
Fluency of Ideas	7.6	12.2	13.2	0	Current ability level may be sufficient
Far Vision	7.8	11.2	8.6	<<	Extensive improvement in abilities may be required
Number Facility	6.3	10.7	10.0	0	Current ability level may be sufficient

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Activities that Both Occupations Have in Common		Similarity of Focus Occupation to Associated Occupation: 74
Focus Occupation: Farm and Home Management Advisors (25-9021) Associated Occupation: Soil and Plant Scientists (19-1013)		
Work Activities	Exclusivity of Activity	
Advise clients or customers	19	
Collect statistical data	47	
Identify crop characteristics	75	
Make presentations	13	
Recognize plant diseases	72	

Not all positions in these occupations will necessarily perform all of the listed activities. The exclusivity rating is an indication of how unique the activity is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations engage in that activity.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Tools and Technologies that Both Occupations Have in Common

Similarity of Focus
Occupation to Associated
Occupation: 84

Focus Occupation: Farm and Home Management Advisors (25-9021)
Associated Occupation: Soil and Plant Scientists (19-1013)

Tools and Technologies	Exclusivity
Business function specific software	1
Cameras	2
Computers	1
Content authoring and editing software	1
Data management and query software	1
Information exchange software	1

Not all positions in these occupations will necessarily use all of the listed tools and technologies. The exclusivity rating is an indication of how unique the tool or technology is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations use that tool or technology.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.